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A s s i s t a n t P r o f e s s o r

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Education:

- Ph.D: Mechatronics and Robotics Engineering, Egypt- Japan University for Science and Technology (E-JUST), Alexandria, Egypt , September 2015.
MSc: Electronic Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt, January 2012.
BSc: Electronic Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt, May 2004.

Current Position:

November 2015-Now:

Assistant Professor - Department of Industrial Electronics and Control Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt.

Previous Work Experiences

- 2012-2015: Assistant Lecturer, Faculty of Electronic Engineering, Menoufia University, Egypt.
2005-2012: Demonstrator, Faculty of Electronic Engineering, Menoufia University, Egypt.

Research Interest:

- Mechatronics and Robotics
- Mobile Robots Motion Control
- Iterative Learning Control
- Intelligent Control Systems (Fuzzy – Fuzzy Neural)
- Land mining Detection

Recent Publications:

- Osama Elshazly, Mohammad El-Bardini, and Nabila El-Rabaie, "Development of Self-Tuning Fuzzy Iterative Learning Control for Controlling a Mechatronic System ", The proceeding of the 3rd International Conference on Computer and Automation Engineering (ICCAE 2011), vol. 3, Pages: 193-197, China, 01/ 2011.

- Osama Elshazly, Mohammad El-Bardini, and Nabila El-Rabaie, "Development of Self-Tuning Fuzzy Iterative Learning Control for Controlling a Mechatronic System ", International Journal of Information and Electronics Engineering, vol. 2, no. 4, Pages: 565-569, 2012.
- Osama Elshazly, Mohammad El-Bardini, and Nabila El-Rabaie, " Adaptive Fuzzy Iterative Learning Controller for X-Y Table Position Control", Proceedings of 2014 IEEE International Conference on Automation, Quality and Testing, Robotics , Romania, Pages: 51-56; 05/2014.
- Osama Elshazly, Zakarya Zyada, Ahmed Abo Ismail, "Genetic Nonlinear Controller of a Skid Steering Mobile Robot with Slip Conditions", Proceedings of 2014 IEEE International Conference on Automation, Quality and Testing, Robotics, Romania, Pages: 223-228; 05/2014.
- Osama Elshazly, Hossam Abbas, Zakarya Zyada, Ahmed Abo Ismail, " Skid Steering Mobile Robot Modeling and Control ", The 2014 UKACC 10th International Conference on Control (Control 2014), Loughborough University, U.K., Pages: 66-71; 07/2014.
- Osama Elshazly, Zakarya Zyada, Abdelfatah Mohamed, and Giovanni Muscato, " Optimized Control of Skid Steering Mobile Robot with Slip Conditions", IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM2015), Busan, Korea; Pages: 959-964; 07/2015